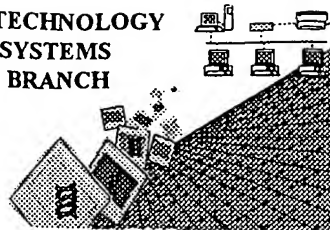


03<0

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/004,530
Source: OIPK
Date Processed by STIC: 6/11/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER** **VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



OIPE

RAW SEQUENCE LISTING

DATE: 06/11/2002

PATENT APPLICATION: US/10/004,530

TIME: 14:33:08

Input Set : A:\00537-00900K.TXT

Output Set: N:\CRF3\06112002\J004530.raw

pp. 6, 2-4

4 <110> APPLICANT: Coy, David H.
 5 Moreau, Jacques-Pierre
 6 Kim, Sun H.
 8 <120> TITLE OF INVENTION: OCTAPEPTIDE BOMBESIN ANALOGS
 11 <130> FILE REFERENCE: 00537-00900K
 13 <140> CURRENT APPLICATION NUMBER: 10/004,530
 C--> 14 <141> CURRENT FILING DATE: 2002-06-04
 16 <150> PRIOR APPLICATION NUMBER: 09/260,846
 17 <151> PRIOR FILING DATE: 1999-03-02
 19 <150> PRIOR APPLICATION NUMBER: 08/337,127
 20 <151> PRIOR FILING DATE: 1994-11-10
 22 <150> PRIOR APPLICATION NUMBER: 07/779,039
 23 <151> PRIOR FILING DATE: 1991-10-18
 25 <150> PRIOR APPLICATION NUMBER: 07/502,438
 26 <151> PRIOR FILING DATE: 1990-03-30
 28 <150> PRIOR APPLICATION NUMBER: 07/397,169
 29 <151> PRIOR FILING DATE: 1989-08-21
 31 <150> PRIOR APPLICATION NUMBER: 07/376,555
 32 <151> PRIOR FILING DATE: 1989-07-07
 34 <150> PRIOR APPLICATION NUMBER: 07/317,941
 35 <151> PRIOR FILING DATE: 1989-03-02
 37 <150> PRIOR APPLICATION NUMBER: 07/282,328
 38 <151> PRIOR FILING DATE: 1988-12-09
 40 <150> PRIOR APPLICATION NUMBER: 07/257,998
 41 <151> PRIOR FILING DATE: 1988-10-14
 43 <150> PRIOR APPLICATION NUMBER: 07/248,771
 44 <151> PRIOR FILING DATE: 1988-09-23
 46 <150> PRIOR APPLICATION NUMBER: 07/207,759
 47 <151> PRIOR FILING DATE: 1988-06-16
 49 <150> PRIOR APPLICATION NUMBER: 07/204,171
 50 <151> PRIOR FILING DATE: 1988-06-08
 52 <150> PRIOR APPLICATION NUMBER: 07/173,311
 53 <151> PRIOR FILING DATE: 1988-03-25
 55 <150> PRIOR APPLICATION NUMBER: 07/100,571
 56 <151> PRIOR FILING DATE: 1987-09-24
 58 <160> NUMBER OF SEQ ID NOS: 26
 60 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 62 <210> SEQ ID NO: 1
 63 <211> LENGTH: 14
 64 <212> TYPE: PRT
 65 <213> ORGANISM: Xenopus laevis
 67 <400> SEQUENCE: 1
 68 Glu Gln Arg Leu Gly Asn Gln Trp Ala Val Gly His Leu Met

Does Not Comply
 Corrected Diskette Needed

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/004,530

DATE: 06/11/2002

TIME: 14:33:09

Input Set : A:\00537-00900K.TXT

Output Set: N:\CRF3\06112002\J004530.raw

```

69 1 5 10
71 <210> SEQ ID NO: 2
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73 <212> TYPE: PRT
74 <213> ORGANISM: Sus scrofa
76 <400> SEQUENCE: 2
77 Ala Pro Val Ser Val Gly Gly Gly Thr Val Leu Ala Lys Met Tyr Pro
78 1 5 10 15
79 Arg Gly Asn His Trp Ala Val Gly His Leu Met
80 20 25
82 <210> SEQ ID NO: 3
83 <211> LENGTH: 27
84 <212> TYPE: PRT
85 <213> ORGANISM: Homo sapiens
87 <400> SEQUENCE: 3
88 Val Pro Leu Pro Ala Gly Gly Gly Thr Val Leu Thr Lys Met Tyr Pro
89 1 5 10 15
90 Arg Gly Asn His Trp Ala Val Gly His Leu Met
91 20 25
93 <210> SEQ ID NO: 4
94 <211> LENGTH: 8
95 <212> TYPE: PRT
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Synthetically generated peptide
W--> 101 <221> NAME/KEY: VARIANT
102 <222> LOCATION: 8
103 <223> OTHER INFORMATION: Xaa = statine
W--> 105 <400> 4
W--> 106 Glu Gln Trp Ala Val Gly His Xaa
107 1 5
109 <210> SEQ ID NO: 5
110 <211> LENGTH: 29
111 <212> TYPE: PRT
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Synthetically generated peptide
W--> 117 <221> NAME/KEY: VARIANT
118 <222> LOCATION: 2
119 <223> OTHER INFORMATION: Ala at position 2 is Ala, D-Ala, N-methyl-D-Ala,
120 or alpha-aminobutyric acid "Ala" can only represent itself, nothing else.
W--> 122 <400> 5
123 Tyr (Ala) Asp Ala Ile Phe Thr Asn Ser Tyr Arg Lys Val Leu Gly Gln
124 1 5 10 15
125 Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg
126 20 25
128 <210> SEQ ID NO: 6
129 <211> LENGTH: 9
130 <212> TYPE: PRT

```

Use Xaa, instead,
and explain it
in <220>-<223>
section.

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/004,530

DATE: 06/11/2002

TIME: 14:33:09

Input Set : A:\00537-00900K.TXT

Output Set: N:\CRF3\06112002\J004530.raw

131 <213> ORGANISM: Artificial Sequence
 133 <220> FEATURE:
 134 <223> OTHER INFORMATION: Synthetically generated peptide
 136 <400> SEQUENCE: 6
 137 Glu Gln Trp Ala Val Gly His Phe Leu
 138 1 5
 140 <210> SEQ ID NO: 7
 141 <211> LENGTH: 9
 142 <212> TYPE: PRT
 143 <213> ORGANISM: Artificial Sequence
 145 <220> FEATURE:
 146 <223> OTHER INFORMATION: Synthetically generated peptide
 148 <400> SEQUENCE: 7
 149 Glu Gln Trp Ala Val Gly His Leu Leu
 150 1 5
 152 <210> SEQ ID NO: 8
 153 <211> LENGTH: 10
 154 <212> TYPE: PRT
 155 <213> ORGANISM: Artificial Sequence
 157 <220> FEATURE:
 158 <223> OTHER INFORMATION: Synthetically generated peptide
 W--> 160 <221> NAME/KEY: VARIANT
 161 <222> LOCATION: 10
 162 <223> OTHER INFORMATION: Xaa = benzhydrylamine
 W--> 164 <400> 8
 W--> 165 Glu Gln Trp Ala Val Gly His Leu Leu Xaa
 166 1 5 10
 168 <210> SEQ ID NO: 9
 169 <211> LENGTH: 10
 170 <212> TYPE: PRT
 171 <213> ORGANISM: Artificial Sequence
 173 <220> FEATURE:
 174 <223> OTHER INFORMATION: Synthetically generated peptide
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 177 <222> LOCATION: 9
 178 <223> OTHER INFORMATION: Xaa = statine
 W--> 180 <221> VARIANT
 181 <222> LOCATION: 10
 182 <223> OTHER INFORMATION: Xaa = methylbenzhydrylamine
 W--> 184 <400> 9
 W--> 185 Glu Gln Gln Trp Ala Val Gly His Xaa Xaa
 186 1 5 10
 188 <210> SEQ ID NO: 10
 189 <211> LENGTH: 37
 190 <212> TYPE: PRT
 191 <213> ORGANISM: Artificial Sequence
 193 <220> FEATURE:
 194 <223> OTHER INFORMATION: Synthetically generated peptide
 W--> 196 <221> NAME/KEY: VARIANT

FYF: Xaa can only represent
a single amino acid,
nothing else

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/004,530

DATE: 06/11/2002

TIME: 14:33:09

Input Set : A:\00537-00900K.TXT

Output Set: N:\CRF3\06112002\J004530.raw

197 <222> LOCATION: 1
 198 <223> OTHER INFORMATION: Xaa = Boc
 W--> 200 <221> VARIANT
 201 <222> LOCATION: 37
 202 <223> OTHER INFORMATION: Xaa = methylbenzhydramine
 W--> 204 <400> 10
 W--> 205 Xaa Tyr Arg Lys Ala Leu Gly Gln Leu Ser Ala Arg Lys Leu Leu Gln
 206 1 5 10 15
 207 Asp Ile Met Ser Arg Gln Gln Gly Glu Ser Asn Gln Glu Arg Gly Ala
 208 20 25 30
 W--> 209 Arg Ala Arg Leu Xaa
 210 35
 212 <210> SEQ ID NO: 11
 213 <211> LENGTH: 29
 214 <212> TYPE: PRT
 215 <213> ORGANISM: Homo sapiens
 217 <400> SEQUENCE: 11
 218 Tyr Ala Asp Ala Ile Phe Thr Asn Ser Tyr Arg Lys Val Leu Gly Gln
 219 1 5 10 15
 220 Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg
 221 20 25
 223 <210> SEQ ID NO: 12
 224 <211> LENGTH: 10
 225 <212> TYPE: PRT
 226 <213> ORGANISM: Artificial Sequence
 228 <220> FEATURE:
 229 <223> OTHER INFORMATION: Synthetically generated peptide
 231 <400> SEQUENCE: 12
 232 Gly Asn His Trp Ala Val Gly His Leu Leu
 233 1 5 10
 235 <210> SEQ ID NO: 13
 236 <211> LENGTH: 9
 237 <212> TYPE: PRT
 238 <213> ORGANISM: Homo sapiens
 240 <400> SEQUENCE: 13
 241 Glu Gln Trp Ala Val Gly His Phe Met
 242 1 5
 244 <210> SEQ ID NO: 14
 245 <211> LENGTH: 10
 246 <212> TYPE: PRT
 247 <213> ORGANISM: Homo sapiens
 249 <400> SEQUENCE: 14
 250 Gly Ser His Trp Ala Val Gly His Leu Met
 251 1 5 10
 253 <210> SEQ ID NO: 15
 254 <211> LENGTH: 10
 255 <212> TYPE: PRT
 256 <213> ORGANISM: Xenopus laevis
 258 <400> SEQUENCE: 15

*FYI: Xaa can only represent a
 single amino
 acid*

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/004,530

DATE: 06/11/2002

TIME: 14:33:09

Input Set : A:\00537-00900K.TXT

Output Set: N:\CRF3\06112002\J004530.raw

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259 Gly Asn Gln Trp Ala Val Gly His Leu Met
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262 <210> SEQ ID NO: 16
263 <211> LENGTH: 10
264 <212> TYPE: PRT
265 <213> ORGANISM: Homo sapiens
267 <400> SEQUENCE: 16
268 Gly Asn His Trp Ala Val Gly His Leu Met
269 1 5 10
271 <210> SEQ ID NO: 17
272 <211> LENGTH: 28
273 <212> TYPE: PRT
274 <213> ORGANISM: Homo sapiens
276 <400> SEQUENCE: 17
277 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln
278 1 5 10 15
279 Met Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn
280 20 25
282 <210> SEQ ID NO: 18
283 <211> LENGTH: 27
284 <212> TYPE: PRT
285 <213> ORGANISM: Homo sapiens
287 <400> SEQUENCE: 18
288 His Ala Asp Gly Val Phe Thr Ser Asp Phe Ser Arg Leu Leu Gly Gln
289 1 5 10 15
290 Leu Ser Ala Lys Lys Tyr Leu Glu Ser Leu Ile
291 20 25
293 <210> SEQ ID NO: 19
294 <211> LENGTH: 27
295 <212> TYPE: PRT
296 <213> ORGANISM: Homo sapiens
298 <400> SEQUENCE: 19
299 His Ser Asp Gly Thr Phe Thr Ser Glu Leu Ser Arg Leu Arg Asp Ser
300 1 5 10 15
301 Ala Arg Leu Gln Arg Leu Leu Gln Gly Leu Val
302 20 25
304 <210> SEQ ID NO: 20
305 <211> LENGTH: 44
306 <212> TYPE: PRT
307 <213> ORGANISM: Homo sapiens
309 <400> SEQUENCE: 20
310 Tyr Ala Asp Val Ile Phe Thr Asn Ser Tyr Arg Lys Val Leu Gly Gln
311 1 5 10 15
312 Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg Gln Gln Gly
313 20 25 30
314 Glu Ser Asn Gln Glu Arg Gly Ala Arg Ala Arg Leu
315 35 40
317 <210> SEQ ID NO: 21
318 <211> LENGTH: 29

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/004,530

DATE: 06/11/2002
TIME: 14:33:10

Input Set : A:\00537-00900K.TXT
Output Set: N:\CRF3\06112002\J004530.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 8

Seq#:8; Xaa Pos. 10

Seq#:9; Xaa Pos. 9,10

Seq#:10; Xaa Pos. 1,37